

ABSTRACT

An annular notch is provided in the body seat associated with the nozzle valve of an ALCO-type diesel injector. The notch extends from (i) an upper edge that is on the seat and is above the imaginary edge that would have been the sac inlet edge had the notch not been provided to (ii) a lower edge below such imaginary edge. The notch has a lowest wall that, at least at the portion of its length where such lowest wall approaches such lower edge, has a given angle-to-vertical of less than 60° .